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JUNE, 1921

NEW SERIES VOL. X, NO. 4

THE MEDICAL SCHOOL

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CATALOGUE OF

DARTMOUTH MEDICAL SCHOOL

FOR THE ONE HUNDRED AND TWENTY-FIFTH ANNUAL SESSION

1921-1922

CALENDAR

1921
September 22 . . . . . First semester begins.

Recess from December 16, 1 p. m., to January 4, 7.45 a. m.

1922
February 6 . . . . . Second semester begins.

Recess from March 31, 1 p. m., to April 11, 7.45 a. m.

June 20 . . . . . Commencement Day.

FACULTY

ERNEST MARTIN HOPKINS, Litt.D., LL.D., President.

JOHN MARTIN GILE, A.M., M.D., Dean.

COLIN CAMPBELL STEWART, Ph.D., Secretary.

EDWIN JULIUS BARTLETT, A.M., M.D., *Professor of Chemistry, Emeritus.* 8 W. Wheelock St.

GEORGE ADAMS LELAND, A.M., M.D., *Professor of Otolaryngology, Emeritus.* 354 Commonwealth Ave., Boston.

TILGHMAN MINNOUR BALLIET, A.M., M.D., *Professor of Therapeutics, Emeritus.* 3709 Powelton Ave., Philadelphia.

WILLIAM PATTEN, Ph.D., *Professor of Biology (Zoölogy).* 15 Webster Ave.

GILMAN DUBOIS FROST, A.M., M.D., *Professor of Clinical Medicine.* 13 E. Wheelock St.

JOHN MARTIN GILE, A.M., M.D., *Professor of Clinical Surgery.* 3 Maynard St.

PERCY BARTLETT, A.B., M.D., *Professor of Surgery.* 8 Parkway.

COLIN CAMPBELL STEWART, Ph.D., *Brown Professor of Physiology.* 4 Webster Ave.

CHARLES ERNEST BOLSER, Ph.D., *Professor of Physiological Chemistry.* 15 E. Wheelock St.

HOWARD NELSON KINGSFORD, A.M., M.D., *Professor of Pathology and Bacteriology.* 6 Clement Road.

FREDERIC POMEROY LORD, A.B., M.D., *Professor of Anatomy.* 37 College St.

OSCAR BOWEN GILBERT, A.B., M.D., *Assistant Professor of Pharmacology.* 23 North Main St.

KENNETH NOEL ATKINS, A.M., *Assistant Professor of Bacteriology.* 3 Occom Ridge.

HARRY TAPLEY FRENCH, M.S., *Assistant Professor of Anatomy.* 21 North Main St.

ERWIN CURTIS MILLER, B.S. *Instructor in Anatomy.* 30 North Main St.

GENERAL ANNOUNCEMENT

Dartmouth Medical School, the fourth to be established in the United States, owed its foundation to the efforts of Dr. Nathan Smith, one of the best known physicians and surgeons of his day, who gave the first course of lectures in medicine in Dartmouth College during the year 1797. In June, 1798, two men were granted the degree of M.B. and classes have been graduated every year from that date until 1914. The Doctorate in Medicine was first given in 1812.

Except for the assistance of Dr. Lyman Spalding in 1798 and 1799, Dr. Smith carried on the whole work of the School until 1810. In that year Anatomy and Surgery were constituted a special department and this subdivision of the teaching work was followed by the gradual establishment of such other chairs as the changing conditions in medical education demanded. The required course of study, at first of two years' duration, was soon lengthened to three years and then to four years. In 1902 the Trustees of Dartmouth College assumed entire financial control of the school, making it an integral part of the college as one of its graduate schools. In 1908 the Nathan Smith Laboratory was erected by funds contributed by alumni and friends of the school. The same fund made possible extensive alterations in the old medical building, erected in 1811 upon land deeded for this purpose to the State of New Hampshire by Dr. Smith.

The school established in 1910 an entrance requirement of two years of collegiate work in Biology, Chemistry, Physics and the languages.

In 1913 the Trustees of Dartmouth College voted that, "after the year 1914 instruction appertaining to the two last, or clinical years, of the course in Medicine be suspended for the present, and that the resources of the School, in teachers and equipment, be concentrated upon the first two years of the course, which may be elected by undergraduates of the College."

In accordance with arrangements which were made in harmony with this action, candidates for the B.S. degree matriculated in the Medical School at the beginning of the Junior year and obtained with the degree credit for two years in Medicine.

In 1920 the requirement for admission to the combined academic and medical course was raised to three years of college work. Candidates for either the A.B. or the B.S. degree may enter the Medical School at the beginning of Senior year and obtain the degree in four years, and

credit for two years in Medicine at the end of the fifth (post-graduate) year. The acceptance of this plan by the medical schools of the first rank in the large clinical centers has been most generous, and students with two years' credit in Medicine may transfer, in many cases without additional examination, to the third-year class of leading metropolitan schools, and thus complete the work of the medical course in some one of the important clinical centers of the country.

It is the aim of the Medical School to impart to the student a thorough training on both the laboratory and the theoretical sides, an aim which is furthered by the small size of its classes and the close personal association between teacher and student.

EQUIPMENT

The original Medical School building provides accommodations for the Departments of Anatomy and Physiology. In the center of the building is the old lecture room, of particular interest because it has been in continuous use in practically its present form since the completion of the building in 1811. Directly over the lecture room is the Library, furnished in 1871 in the prevailing style of the period, and providing accommodation, in wall cases and stacks, for some twelve thousand volumes. The gallery cases are occupied by a collection of pathological bones, and models.

The south end of the building is occupied by the Department of Anatomy and Histology. Its basement extends south from the main building, giving a well-lighted dissecting room with glass roof, and, in addition, each dissecting table stands under a strong electric light. The room is equipped with lavatories, individual lockers, and an air pressure system for use in dissections. A special room is set apart for preparing the material and for storing it in a tightly closed vault where it can be kept in perfect condition. Cadavers for use in demonstration lectures may be carried to the room above by elevator. The first floor has a recitation room, recently entirely remodelled. On the second floor is a study and recitation room, where is kept a growing collection of dissected wet specimens, illustrative of the viscera, central nervous system, and the general structure of the body, as well as special dissections of the bones and joints, etc., these to be handled and studied by the students. The third floor is occupied by an office and a private histological laboratory for the use of the department.

The Department of Physiology occupies the entire three floors of the reconstructed north end of the building. Upon the ground floor there

is a chemical room and a laboratory for special work by advanced students; on the second floor is a large private working laboratory, a dark room and a workshop. The entire third floor is occupied by the students' laboratory, which is well lighted from three sides. The students' sets include a clockwork kymograph, inductorium, moist chamber, recording and stimulating apparatus, tambours, circulation model, and many minor pieces. In addition to this the laboratory contains apparatus for demonstrations and for individual work or original investigation, and many single examples of the more expensive imported apparatus, which are freely available for laboratory work with small classes.

The Nathan Smith Laboratory is a modern brick building of two and one-half stories. In the basement there is an animal room, a lavatory and a students' reading room. The upper floor contains a students' laboratory abundantly lighted from three entire sides. This floor contains also the laboratory of the New Hampshire State Board of Health, and four smaller working laboratories. All the rooms are well lighted by closely placed windows and there is a full equipment of microscopes and other apparatus for general and special work in Histology, Pathology and Bacteriology. The specimens coming to the State Laboratory for examination provide a great variety of pathological and bacteriological material for class use. The main floor of the building is occupied by a lecture room, and by the Department of Pharmacology, which is provided with a students' laboratory and three smaller rooms: operating room, chemical room and office.

The Mary Hitchcock Memorial Hospital, a cottage hospital of seventy beds, and a model of construction, furnishes clinical material for the use of the classes in Physical Diagnosis, Medicine and Surgery, with an opportunity for learning the methods of the most advanced hospital work. In operating rooms with modern appointments the student has a close view of a large number of operations in general surgery and gynecology and of special operations upon the eye, ear, throat, and nose. He is able to follow these cases and note the after treatment and results. The clinics are carefully used to illustrate the didactic teaching.

The College maintains a small but well appointed Isolation Hospital, which affords an opportunity for studying and following the contagious diseases.

REQUIREMENTS FOR ADMISSION

The minimum requirement for admission to the Medical School is represented by three years of College work. The required College subjects consist of: twelve semester hours of Chemistry in addition to the Chemistry required for entrance to College and including Organic Chemistry, eight hours of Biology, eight hours of Physics, one year of Psychology, two years of English, and one year each of any two of the languages, Latin, French, and German. Applicants must demonstrate their ability to translate at sight easy Latin prose.

A candidate desiring admission to the Medical School from another college must present to the Secretary of the Medical School an official detailed statement of the courses pursued at that institution together with a letter of honorable dismissal. No one will be accepted who has not credit for the required subjects named above.

THE COMBINED ACADEMIC AND MEDICAL COURSES

First Course:

Students in Dartmouth College, who are candidates for the B.S. degree, may enter the Medical School at the beginning of Senior year by presenting the specified requirements, together with additional courses sufficient to make a total of 86 semester hours. In this combined course a candidate will receive the degree of Bachelor of Science at the end of four years, and in addition a certificate of credit for the first year in Medicine.

The following schedule shows the courses to be taken. Credit toward the bachelor's degree is granted on the basis of eighteen hours for each semester of Senior year.

Freshman Year in Dartmouth College: (32 hours)

English 1 and 2.
French or German, 6 hours.
Mathematics 1 and 2, or 3 and 4.
Chemistry 1 and 2, or 3 and 4.
Citizenship: Evolution.
Physical Education.

Sophomore Year in Dartmouth College: (30 hours)

German or French*, 6 hours.
Two of the following: History, 6 hours, Economics 1 and 2, Political Science 1 and 2.
Biology 1 and 2.
Chemistry 11 and 12, or 13 and 14.
Physics 1 and 2, or 3 and 4. (See course of Junior year)

Junior Year in Dartmouth College: (30 or 36 hours)

English Literature, 6 hours.
One of the following: History, 6 hours, Economics 1 and 2, Political Science 1 and 2, Sociology 1 and 2.
Psychology, 6 hours.
Zoölogy 51 and Physics 16 (for those who have taken Physics 1 and 2) or Zoölogy 51 and 52, and Physics 13 and 14 (for those who have taken Physics 3 and 4 in Sophomore year)
Organic Chemistry, 6 hours.

Senior Year in Dartmouth College: (36 hours)

The first year in Medicine.

Second Course:

Students in Dartmouth College who are candidates for the A.B. degree may register in the Medical School at the beginning of Senior year by presenting the specified requirements, together with additional courses sufficient to make a total of at least 86 semester hours. A total of 36 semester hours of academic credit will be allowed for the first year in medicine. They may thus secure the academic degree at the end of the fourth year and in addition a certificate of credit for one year in Medicine.

The following schedule shows the courses to be taken:

Freshman Year in Dartmouth College: (32 hours)

English 1 and 2.
Latin 5 and 6.
French or German, 6 hours.
Chemistry 1 and 2, or 3 and 4.
Citizenship: Evolution.
Physical Education.

* Both languages are required by the Medical School.

SOPHOMORE YEAR IN DARTMOUTH COLLEGE: (30 hours)

Two of the following: History, 6 hours, Economics 1 and 2, Political Science 1 and 2.
Biology 1 and 2.
Chemistry 11 and 12, or 13 and 14.
Physics 1 and 2, or 3 and 4.

JUNIOR YEAR IN DARTMOUTH COLLEGE: (30 or 36 hours)

English Literature, 6 hours.
One of the following: History, 6 hours, Economics 1 and 2, Political Science 1 and 2, Sociology 1 and 2.
Psychology, 6 hours.
Zoölogy 51 and Physics 16. (Following Physics 1 and 2 in Sophomore year) or
Zoölogy 51 and 52, and Physics 13 and 14. (Following Physics 3 and 4 in Sophomore year)
Organic Chemistry, 6 hours.

SENIOR YEAR IN DARTMOUTH COLLEGE: (36 hours)

The first year in Medicine.

Students in the College, who wish to register in the Medical School in either of these combined courses, must secure from the Registrar of the College a certificate stating their eligibility for such transfer.

ADVANCED STANDING

Students are admitted to advanced standing in the second year in Medicine only by special vote of the Faculty.

Applicants for advanced standing must satisfy the requirements for admission; must bring official evidence of time spent in medical schools with equivalent entrance requirements; and must either present official certificates of standing in the courses to be accepted or pass examinations in the subjects of the medical curriculum in which the class which they wish to enter has been examined.

Those desiring further information may address the Secretary of Dartmouth Medical School, Hanover, N. H.

COURSES OF INSTRUCTION

EMBRYOLOGY

Vertebrate Embryology. Assistant Professor SHUMWAY.

First year, second semester, fifty-four two-hour exercises.

ANATOMY AND HISTOLOGY

PROFESSOR LORD, ASSISTANT PROFESSOR FRENCH, MR. MILLER.

ANATOMY

1 and 2. Demonstrations and recitations on the bones, joints, blood-vessels, and nerves. Dissection of a lateral half of the human body, omitting viscera and special regions, such as perineum, ear, eye, and deep parts of the head and neck. Demonstrations and recitations, with dissections on the cadaver performed by the instructor before the class, on the viscera and special regions, such as the perineum, ear, eye, etc. Dissection of the viscera and special regions.

For convenience the human body is divided into three parts for purposes of study and dissection: head and neck, thorax and upper extremity, abdomen and lower extremity. Each part requires a half-semester's time, divided between a preliminary period of preparation, and a later period of dissection, of each part. Preparation for the dissection of the viscera and special regions in the last half-semester is given by a course of demonstrations and recitations continuing throughout the whole year. Bones for study are loaned to each student by the department; dissected specimens of the soft parts are used for demonstration in the class-room, and are offered for the students use in the study-room. Wet preparations and dissections are used in the class-room by the instructor and in the study-room by the student. First year. The year's work requires 280 hours of demonstrations and recitations and 250 hours of dissection.

3. (a) *Central Nervous System.* This course consists of demonstrations and recitations, with the use of wet specimens of the brain and spinal cord by the instructor and by the student in the study-room.

(b) *Surgical Anatomy.* A course of demonstrations and recitations on regional and topographical anatomy, with the practical study of surgical incisions and dissections by instructor and students.

(c) *Advanced Work.*

Each student dissects half of a human brain, and studies a series of microscopic slides, loaned to him by the department, giving the important levels of the spinal cord and brain-stem. Courses a and b occupy about 72 hours in the first semester of the second year. The remaining 36 hours given to anatomy are in the form of special advanced work, the nature of which is to be decided on by consultation with the department by the individual student.

HISTOLOGY

1. Laboratory work with occasional lectures and recitations, and with demonstrations before the class by means of micro-projection apparatus.

2. A continuation of Course 1, completing the study of the organ systems, and the special sense organs.

A complete set of slides is loaned to each student for his use throughout the year. Practical work in the preparation of material for histological study is required of each student as part of the course. This course takes up the study of the microscopic anatomy of the animal cell, of the fundamental tissues, and of the organs of the human body. First year, 108 hours in each semester.

PHYSIOLOGY

11 and 12. A course of lectures.

Professor C. C. Stewart.

Fifty-four lectures in each semester of the first year, with demonstrations and occasional quizzes on the physiology of muscle and nerve, circulation, respiration and animal heat, digestion, metabolism, secretion and excretion, the nervous system, and the special senses.

51 and 52. A laboratory course.

Professor C. C. Stewart.

The work of the course consists of laboratory exercises with demonstrations, recitations, and occasional lectures on the physiology of muscle and nerve, blood, circulation, respiration and animal heat, digestion, metabolism, secretion and excretion, the nervous system, and the special senses. 108 hours in each semester of the second year.

53 and 54. An advanced course of lectures.

Professor C. C. STEWART.

Three lectures a week throughout the year. The course is open as an elective to students who have completed 1 and 2, or 3 and 4.

CHEMISTRY

51. *Organic Chemistry.*

Professor BOLSER.

The chemistry of the carbon compounds. Two-thirds of the exercises are recitations and lectures and one-third are laboratory exercises. The object of the course is to ground the student in fundamental theory and to acquaint him with laboratory method. Fifty-four exercises in the first semester of the first year.

52a. A continuation of Chemistry 51.

Professor BOLSER.

Laboratory exercises involving somewhat more advanced technique are required. In the lectures and class-room the purin bodies and the compounds of the aromatic series receive special attention. Fifty-four exercises in the second semester of the first year.

Physiological and Medical Chemistry.

Professor BOLSER.

A course with laboratory, lecture, and recitation work giving special attention to the carbohydrates and albumens, the chemistry of the body, and the applications of chemistry to medicine. First and second semesters of the second year. Prerequisite: Each course in chemistry is dependent upon the preceding course.

PHARMACOLOGY

1. (a) *Pharmacy and prescription writing*—lectures, demonstrations and recitations, 36 hours; laboratory, 36 hours.

(b) *Materia medica*, chiefly laboratory, 36 hours.

(c) *Pharmaceutical chemistry*, 36 hours.

Assistant Professor GILBERT.

2. *Systematic pharmacology*—lectures, demonstrations and recitations 72 hours; laboratory, 72 hours.

Assistant Professor GILBERT.

The laboratory work is supplemented by lectures, demonstrations, and recitations. The first part of the course is devoted to subjects that serve as an introduction to later work in systematic Pharmacology and Therapeutics. Course 1 is given in the first semester of the second year, Course 2 in the second semester. In the laboratory a careful record is required of all experiments, together with conclusions drawn from them. The experiments are discussed in general conferences held at convenient intervals.

PATHOLOGY AND BACTERIOLOGY

BACTERIOLOGY

1 and 2. Lectures and laboratory work with occasional quizzes.

Assistant Professor ATKINS.

Each student will prepare the various culture media, and will carry out practical work in the methods of air, water, and milk examinations, and the isolation and identification of the more common pathogenic organisms, demonstrating the culture reactions of such organisms before the class. Special stress will be laid upon the acquirement of the technique involved in the laboratory diagnosis of the bacterial diseases and upon the study of Immunity. Six hours in the laboratory each week during the first semester, and for the first twelve weeks of the second semester of the first year.

CLINICAL MICROSCOPY

1. *Hæmatology.*

Professor KINGSFORD.

A course in the examination, preparation, and staining of blood specimens, with special reference to clinical diagnosis. Both normal and pathological blood specimens are available for examination and study. Three weeks during the second semester of the first year.

2. *Urinary Examinations.*

Professor KINGSFORD.

This course deals with the examination of normal and pathological urines, with special relation to the full study of urinary sediments. An abundance of material is available at all times. Three weeks during the second semester of the first year.

PATHOLOGY

1 and 2. *Systematic Pathology.*

Professor KINGSFORD.

Six hours each week of laboratory work throughout the second year. Thirty-six lectures illustrated by demonstrations of gross lesions. The laboratory work is devoted to the study of the pathological histology of inflammation, the infectious diseases, tumors, etc.

3. *Clinical Pathology.*

Professor KINGSFORD.

Two hours each week during the second year devoted to practical work in the preparation of specimens for microscopical examination and for preservation, frozen section technique, and the clinical tests for pathological blood, sputa, fæces and stomach contents. As the Medical School affords accommodation to the State Laboratory of Bacteriology, the supply of pathological and bacteriological material accessible throughout the year is unusually large.

HYGIENE

1. *Hygiene.*

Assistant Professor ATKINS.

A course of thirty-six lectures in the second year giving instruction in the principles of hygiene and sanitation as applied to daily life and to the practice of medicine and surgery. The course includes the discussion of problems in ventilation and disinfection of buildings, care of water supply, food supplies, plumbing, and sewage disposal; and covers the general field of municipal and school hygiene.

PHYSICAL DIAGNOSIS

1. *Physical Diagnosis.*

Professor GILE.

Study of methods of examination and physical diagnosis, with enough of pathology to make the variations in the physical signs intelligible. About one-third of the course is given to lectures, one-third to recitations, and one-third to clinics. · First semester of the second year, 72 hours.

MEDICINE

1. *Medicine.*

Professor FROST.

Lectures and recitations, making use of the facilities at the hospital for the practical application of the principles of diagnosis and for the thorough study of selected cases. Second semester of the second year, 108 hours.

OBSTETRICS

1. *Obstetrics.*

Professor FROST.

A course of sixteen hours devoted to the study of pregnancy and normal labor, with a consideration of some of the more commonly occurring abnormal types.

SURGERY

1. *Principles of Surgery and Minor Surgery.*

Professor P. BARTLETT.

A course of recitations, with practical work at the Hospital, including etherization and bandaging. Second semester of the second year, 108 hours.

SCHEDULE

FIRST YEAR—FIRST SEMESTER

Histology 1. Tuesday, Thursday, Saturday, 10–12 A. M.

Anatomy 1. Demonstrations and recitations, Monday, Wednesday, Friday, 10–11 A. M. Demonstrations, Monday, Tuesday, Wednesday, Thursday, 2–3 P. M., alternating with dissection, Monday, Friday, 2–5 P. M., Tuesday, Wednesday, Thursday, 1–3 P. M. Anatomy of Viscera, Monday, Friday, 1–2 P. M.

Physiology 11. Monday, Wednesday, Friday, 11–12 A. M.

Chemistry 51. Monday, Wednesday, Friday, 8–10 A. M.

Bacteriology 1. Tuesday, Wednesday, Thursday, 3–5 P. M.

FIRST YEAR—SECOND SEMESTER

Histology 2. Tuesday, Thursday, Saturday, 10–12 A. M.

Embryology. Tuesday, Thursday, Saturday, 8–10 A. M.

Bacteriology 2. Tuesday, Wednesday, Thursday, 3–5 P. M., until the Easter recess.

Clinical Microscopy. Tuesday, Wednesday, Thursday, 3–5 P. M., for the last six weeks of the semester.

Anatomy 2. Demonstrations and recitations, Monday, Wednesday, Friday, 10–11 A. M. Demonstrations, Monday, Tuesday, Wednesday, Thursday, 2–3 P. M., alternating with dissection, Monday, Friday, 2–5 P. M., Tuesday, Wednesday, Thursday, 1–3 P. M. Anatomy of Viscera, Monday, Friday, 1–2 P. M.

Physiology 12. Monday, Wednesday, Friday, 11–12 A. M.

Chemistry 52a. Monday, Wednesday, Friday, 8–10 A. M.

SECOND YEAR—FIRST SEMESTER

Physiology 51. Monday, Wednesday, Friday, 8–10 A. M.

Physical Diagnosis. Tuesday, Thursday, 8–9 A. M., Saturday, 8–10 A. M.

Pathology. Monday, Wednesday, Friday, 10–12 A. M., Monday 1–3 P. M. Lectures, Tuesday, Thursday, 9–10 A. M.

Anatomy 3. Tuesday, Thursday, Saturday, 10–12 A. M.

Chemistry, Physiological and Medical. Tuesday, Thursday, 1–4 P. M.

Pharmacology. Monday, 3–5 P. M., Wednesday, Friday, 2–5 P. M.

SECOND YEAR—SECOND SEMESTER

Physiology 52. Monday, Wednesday, Friday, 8–10 A. M.

Pathology. Monday, Wednesday, Friday, 10–12 A. M., Monday, 1–3 P. M.

Chemistry, Physiological and Medical. Tuesday, Thursday, 1–4 P. M.

Pharmacology. Monday, 3–5 P. M., Wednesday, Friday, 2–5 P. M.

Medicine. Tuesday, Thursday, Saturday, 10–12 A. M.

Surgery. Tuesday, Thursday, Saturday, 8–10 A. M.

Hygiene. Wednesday, Friday, 1–2 P. M.

EXPENSES

Tuition is to be paid in two equal installments on October first and March first.

TUITION—For each of the two courses	$250.00
Room Rent	$60.00 to 150.00
Board, per week	7.00 to 9.00
Text-books	10.00 to 20.00
Washing	15.00 to 30.00

Those desiring further information may address the Secretary of Dartmouth Medical School, Hanover, N. H.

STUDENTS, ~~1919~~–1920-21

SECOND YEAR

Ainsworth, Thomas Hobart	*Utica, N. Y.*
Clark, Harold Edward, A.B.	*Malone, N. Y.*
Duryea, Arthur Warren	*Boston, Mass.*
Snedecor, Spencer, A.B.	*Blue Point, N. Y.*
Walker, Hastings Howland	*New York, N. Y.*
Wilcox, Ernest Hatch	*Pleasantville, N. Y.*

FIRST YEAR

Barker, Nelson Waite	*Evanston, Ill.*
Basch, Aaron Mack	*Winchester, N. H.*
Bishop, Everett Carlyle	*Littleton, N. H.*
Curran, Edwin Russell	*New Britain, Conn.*
Davis, George Breed	*Stafford Springs, Conn.*
Forbes, Neil Fitch	*Astoria, L. I., N. Y.*
Moriarty, John Francis, B.S.	*Holyoke, Mass.*
Pullen, Edward Markey	*Fulton, N. Y.*
Shipton, Waldo Harvey	*Pittsfield, Mass.*
Smead, James Lawton	*Greenfield, Mass.*
Syvertsen, Rolf Christian	*Taunton, Mass.*
Wolfe, Walter Beran	*St. Louis, Mo.*

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